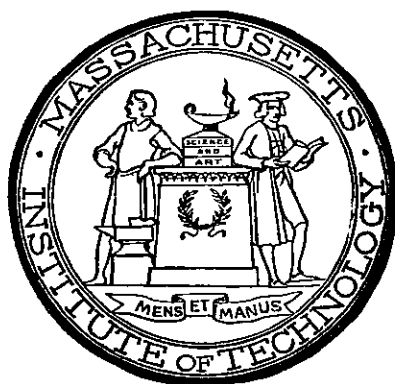




HE TECH



VOLUME XIX.

NUMBER I.

OCTOBER 5, 1899.

UMBRELLAS.

FURS AND HATS.

GEO. L. GRIFFIN & SON,

Next door to Macullar, Parker & Co.

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HAT BOXES.

CORRECT STYLES IN GENTLEMEN'S HATS.

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= = DAIRY LUNCH ROOM, = =

465 BOYLSTON STREET, COR. BERKELEY, * * * Opp. Y. M. C. A. Building.

Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

EVERYTHING FIRST CLASS.

Pure, Fresh-churned Butter, in Quarter-pound Prints, 5 and 10 Pound Boxes. Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs. Pure, Full-Cream Cheese, American (plain), Sage, Neufchatel and Edam. All kinds of Fruit Ices.

NELSON L. MARTIN.

Standard Clothing Co.



LARGEST
MANUFACTURERS OF CLOTHING
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We sell direct to the consumer at from
25 to 40 per cent. less than the
regular retailers.

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DISCOUNT TO MEMBERS OF THE CO-OPERATIVE SOCIETY.

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(INCORPORATED)

Tailors,

MUSIC HALL PLACE,

Telephone 579.

Off WINTER STREET.

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SUITINGS FROM \$30 UPWARDS.

OUR FALL STYLES HAVE ALL ARRIVED.

L. P. HOLLANDER & CO., Makers of Fine Ready-Made Clothing.

Sack Suits	-	-	from \$20.00 upward
Covert Coats	-	-	" 22.00 "
Heavy Winter Overcoats	"	"	25.00 "
Tuxedo and Dress Suits	"	"	35.00 "
Fancy Waistcoats	-	"	4.50 "
Mackintoshes	-	-	" 5.50 "

HATS AND CAPS. FURNISHING GOODS.

We allow ten per cent. discount to Members of the Co-operative Society.

202 to 212 Boylston Street, opposite Public Garden.

Special Announcement. St. Botolph Hall Cafe.

38 ST. BOTOLPH STREET.

On and after September 5th, the Prices for Regular
Weekly Board and Meal Tickets will be
as follows:

Regular Weekly Board (3 meals a day)	\$5.00
21 Breakfasts — Ticket	5.00
21 Luncheons	4.00
21 Dinners	7.00

COMBINATIONS:

7 Breakfasts, 7 Luncheons, 7 Dinners —	Ticket, \$5.50
11 " " " " " " " " " "	6.00

M. DWYER.

Massachusetts Cafe.

ORDER COOKING AT ALL HOURS.

Fine Line of Confectionery.

Hampden Fruit-Flavored Ice Cream.

Fruit of all kinds.

Choice Line of Cigars.

Open from 7 A. M. till 12 P. M.

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E. L. STORER.

Hair Dressing Parlor,

HOTEL OXFORD.

GRIFFITHS & STORER.

SPECIAL ATTENTION
GIVEN TO STUDENTS.

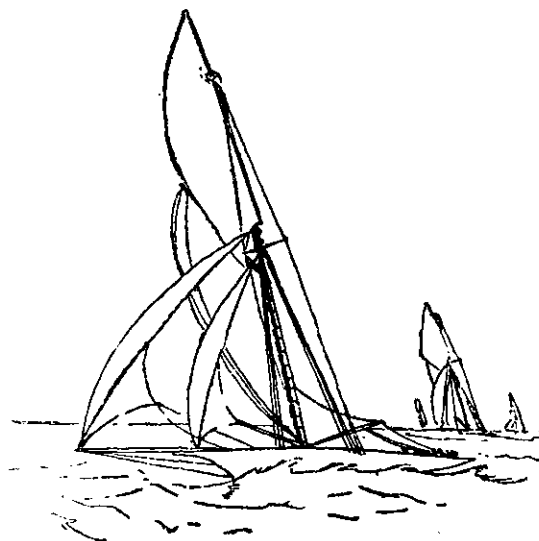
THE WESTMINSTER

THE NEW HOTEL ON
COPLEY
SQUARE.

The main Dining-Room and Gentlemen's Cafe are now open. The Bohemian Dining-Room is to open in a few days.

SUITES TO LET in any number of rooms desired, furnished or unfurnished.

HARRY L. BROWN, - - Manager.



COLUMBIA HATS.

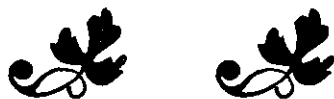
Suits and Overcoats to Measure, \$18.

We sell thousands of them every season, not because the price is low, but because we maintain in every garment a high standard of excellence.

Ready-made Suits and Overcoats
at Remarkably Low Prices.

Oak Hall Clothing Co.,
95 to 105 Washington Street, BOSTON.

SPECIAL ARRANGEMENTS FOR TECHNOLOGY STUDENTS.



YOUR GARMENTS Sponged, Pressed and Repaired (small repairs) while you are at college, for \$9.00 FOR THE COLLEGE YEAR. We call at your rooms each week for your garments, and return the same free of expense and no trouble to you.



Telephone, Oxford 350, or send postal to

H. ALEXANDER & SON,
149 KINGSTON STREET, BOSTON,

Opposite United States Hotel.

BOXES FURNISHED FOR YOUR GARMENTS.

AN EXTRA ASSORTMENT OF
**GOLF
TROUSERS**

In Latest Patterns,
FOR FALL AND WINTER WEAR,

Continental Clothing House,

Cor. Washington and Boylston Streets.

**WILLIAMS BROS.,
Importing Tailors,**

1458 WASHINGTON ST.



Our aim will be to furnish good garments
at reasonable prices.

An examination respectfully solicited.



FUR-LINED CLOAKS A SPECIALTY

ESTABLISHED 1875.

Ten Per Cent. Discount for Cash.

**SMARTLY
FASHIONED
SEMI-
DRESS
SUITS
FOR GENTLEMEN**

Are now on exhibition in our gentlemen's room. Worsted and double and twisted fabrics in slate colors, drabs, olives and brown mixtures, the newest patterns—especially stripes—prevailing, representing the choicest selections from the best makers at home and abroad, including Nantes diagonals, Stonehaven Scotch wool serges, Deubydale and Ben Nevis cheviots, Hebrides worsteds and Jura twilled mixtures. The coats are smartly fashioned, have four buttons, and there are double-breasted vests as well as single. The high character of the structures is insured by precise workmanship by "jour" tailors—using nothing but the best double warp linings, canvases, buttons, threads and silks. The trousers are cut in the newest straight fashion, and altogether the "*tout ensemble*" is satisfactory from any point of view.

\$20, \$22, \$25.

NOTE. — All garments manufactured by us bear our full name and designation on the Etiquette, as follows:

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and
Vail
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The L. E. FLETCHER CO.,
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Deliver Laundry.

Shirts to Measure

Our Specialty.

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DRESS SHIRTS, COLLARS AND
CUFFS.

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Hosiery, Pajamas.

SPECIAL LINES OF

Underwear, Golf Hose, Umbrellas
and Mackintoshes.

The L. E. Fletcher Co.,

134 BOYLSTON STREET.

J. & W. Brooks & Co.
Importing Tailors

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OPPOSITE OLD SOUTH CHURCH.

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BIRTHPLACE 1706.

THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON.

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We make a Special Price
for Pressing and the Care
of Students' Clothing for
the school year. ✿ ✿

The
Nesmith }
Shoe, } \$3.50

STUDENTS

Call at our Retail Store,
112-a Summer Street,
and examine the shoes made on our new

Foot-Form Lasts

For Comfort and Style
you will find them with-
out an equal.

Hall & Hancock,

Novelties in - - - -

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HATS AND
STIFF
HATS**

Canes, Umbrellas,
Hat Cases and Gloves.

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Discount to Tech. Students.

Established 1828.

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HAS LONG MADE A
SPECIALTY OF PREPARATION FOR
TECHNOLOGY.

REFERENCE is made to the President and Secretary of the
Institute in regard to the thoroughness with which Chauncy-
Hall pupils are fitted, not only for entering the Institute,
but also for pursuing successfully their subsequent work.
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Regular Grammar and High-School
Courses, fitting for Business
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(OPPOSITE THE INSTITUTE.)

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M. I. T. Pin

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SUPERIOR

Drafting Instruments,
Drawing and Blue Process Papers,
Scales, Triangles, Curves,
T Squares, Colors, Etc.,

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SPECIAL RATES TO STUDENTS.

The Official Tech Pin.

Gold Plated on Silver, \$1.00.

Gold, \$2.50.

Silver, 75 cents.

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Patent Leather Oxfords,

For Street and Dress.

Double Sole Oxfords,

For Fall and Winter Street Wear.

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145 TREMONT STREET,

Between Temple Place and West Street.

10 per cent. discount to Tech.

The **BRUNSWICK** BOSTON.

Boylston and Clarendon Streets.

(Adjoining Copley Square.)

Near the Museum of Fine Arts, New
Public Library, New Old South
Church, and opposite Trinity
(Phillips Brooks') Church
and Institute of
Technology.

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AND EUROPEAN PLANS.**

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H. H. BARNES, Manager.



THE TECH

VOL. XIX.

BOSTON, OCTOBER 5, 1899.

NO. 1.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

MORGAN BARNEY, 1900, *Editor in Chief.*

STANLEY G. H. FITCH, 1900, *Assistant Editor in Chief.*

PAUL RAYMOND BROOKS, 1900, *Secretary.*

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OFFICE HOURS:

Editor in Chief, Monday, 12-1 P. M.
Business Manager, Saturday, 12-1 P. M.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

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TO those entering upon their first year at Technology the meaning of the work before them is as yet unknown. It is true the tabular views of the four years show in a way that the studies to be followed at the Institute are radically different from those of other colleges. Indeed, to the stranger here the schedule of a third or fourth year man conveys hardly a concrete idea, so mysterious and, on the whole, so incomprehensible is it in its technicalities. The nature of the work, however, is not in itself the sole distinction between the Institute and colleges where academic work is pursued.

Its immediate purpose is different. As a rule when a man receives his degree from a

college he is not fitted for any particular vocation. His time has been spent in acquiring what is commonly called a liberal education, an all-round development of mind and body. It is afterwards that he begins the study of law or medicine or whatever is to be his life work. On the other hand Technology starts a man upon the road he is to travel after his college days are past.

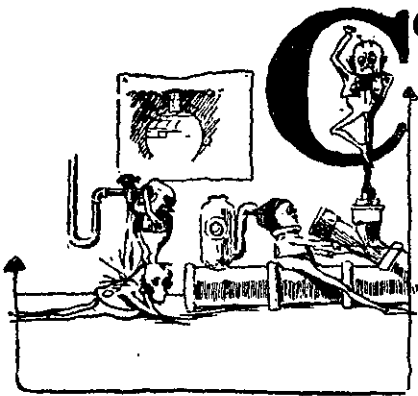
In order to accomplish this almost all the elements of a liberal education in anything but science are crowded from the curriculum. Competition in all branches of industry is keen and the demands upon the engineer or architect have steadily increased. As a result the first two years of Institute work is semi-professional and the last two almost entirely professional and technical, and the Technology graduate is recognized throughout the engineering world as splendidly equipped in his chosen line of work.



BUT it is not from the lack of scientific training that Institute men sometimes fail to secure positions seemingly within their reach. It is because they have depended so largely on that alone. Absorbed in their work they have failed to acquire that knowledge of men and human nature requisite for the surest grasp and appreciation of the influences dominating commercial life.

In college as nowhere else men are thrown together. It is an opportunity that comes but once, and he who lets it slip without striving to share in some measure in the social side of undergraduate life has taken advantage of only a part of what a college

offers in four years. Work, and hard work, is first in importance but it is not the only thing worth while, and more than one Technology alumnus will say this in sorrow. We can have at best but little college life, few chances for making life long friendships, but let us not thoughtlessly pass by those things that will in years to come make dear to us the memory of our Almer Mater.



CONSIDERING the fact that the work of collecting subscriptions for the Walker Memorial Gymnasium has been necessarily interrupted during the vacation period, the amount of money already in the hands of the Committee is decidedly encouraging.

The bust of General Walker, now in Rogers corridor, was presented by the Classes of '97, '98, '99 and 1900, and is the memorial more especially of the last four Classes that received the personal inspiration of his administration.

The members of the Alumni Association have, however, taken it upon themselves to secure a memorial which, while being of great practical benefit to the Institute, shall forever remind us of the noble and generous man who made Technology what it is. This movement took definite shape at the last annual meeting of the Alumni Association on December 30, when a Memorial Committee, with Dr. H. W. Tyler as chairman, was appointed. Expressions of sympathy and encouragement have been received on every side, and show that interest in this worthy enterprise is by no means confined to Technology Alumni.

With the increasing traffic over the Boston & Albany Railroad, it cannot be long before the site of the present gymnasium will be taken for additional track space. Therefore,

it is of the greatest moment that immediate response be made to the appeals of the Committee, that we may be saved the calamity of being left even temporarily without a gymnasium. We are glad to note the appointment of the Auxiliary Committee, and trust that that substantial support may be forthcoming from the under-graduates.



IN another column of this issue appears a call for candidates for the football team. This is a matter which should attract the attention of every person in the Institute. For the past two years our team has made considerable advance, and last year's record was particularly good. This year's record must be equally creditable, and in order that it shall be, every man who has ever played the game should put on his football togs and lend a hand.

To work up a successful eleven, it is necessary to have a good second eleven to try out Varsity material. Thus far there have not been enough men out to form a second eleven. This is not as it should be in a college of twelve hundred students, and is discouraging to a management that is working hard to give Technology the team that she deserves.

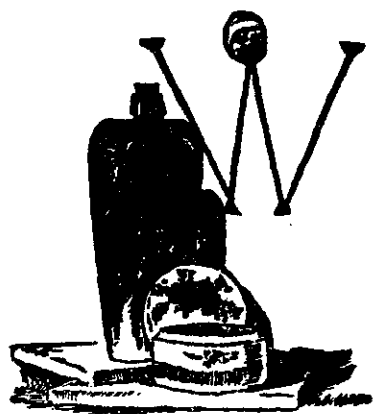
At present every position on the team is vacant, and every man who comes out will be tried fairly and on his merits as a player. This means that every man is placed on equal terms with his competitors, and will have an equal chance to make the team.

The schedule this year is stiffer than last year's in that Brown and Wesleyan, both of which rank among the strongest of the minor colleges, have been taken on. Last spring, our track team won from Brown handily, and they look to their football team to wipe out that defeat. Then we have, this year, two games with Tufts College. For years the rivalry between Tufts and Tech. has been

very keen, and the games have been bitterly contested. Last year we went into their own stronghold and defeated them in a fiercely-contested game, and this year they are looking for revenge. They are coached this year by Mr. E. L. Locke, who coached us for the past two years. He will spare no effort to win both games.

There is no reason why we should not have a strong team. We have got the material here if the men can only be induced to come out. Our Class teams last fall were very fast, and every man who played on them should be out for the Varsity this year. The Freshmen, too, should be represented on the Varsity. Let no one argue that he is not fast enough for the Varsity and, therefore, there is no use trying. Next year there will be this same call for candidates, and the experience gained this year will go far toward enabling a man to make the team next year. The very presence on the field of a large number of men makes the team stronger in that it makes the struggle for places greater and inspires a player to do his best to hold his position.

Let every man consider this matter, and see to it that Coach Wrightington has no lack of material with which to defend Technology's goal.



WITH the present number of THE TECH, the subscription price is reduced from \$2.50 to \$2.00. It is hoped that this change will place the paper within the means of many who were unable to take the

paper at the former price. Moreover, it is the intention of the editors of the paper to make a still further reduction if THE TECH meets with a sufficient support from the Technology Alumni and Undergraduates to make it pos-

sible without lowering the standard of the paper.

We desire to call the attention of the Freshmen and Sophomores to the fact that men are needed from the two lower classes on the editorial staff. Another art editor is wanted. The number of editors is not limited, and men are elected to the Board as soon as they have shown their ability to do the work required of them. No man need hesitate to try for a position on the staff through fear that the little time required of him each week will interfere with his studies. Exceptional ability is not required. The Editor-in-Chief would be pleased to meet new men in the TECH Office on Mondays, from 12 to 1.30 P. M., and give any assistance and help in his power.

The Technology Club.

THE Technology Club, 71 Newbury street, was started three years ago with a membership consisting of M. I. T. Alumni, members of the Faculty and Undergraduates at the Institute, these last being limited in number to sixty, only Seniors being eligible. Membership is now open to the class of 1900. The advantages enjoyed by members of the club, the smoke talks, lectures and the many pleasant evenings at the club house in the winter, need hardly be recalled. In view of the limited Undergraduate membership Seniors desiring to join the club would do well to make application for admittance as soon as possible.

Billings Bequest.

By will of the late R. C. Billings, the Institute receives one hundred thousand dollars outright, and the additional sum of fifty thousand dollars to constitute the "Billings Student Fund," with the understanding that any student receiving benefit from the fund is expected to abstain from the use of alcohol or tobacco in any of their varied forms.

Alumni Contributions.

IN response to a circular sent out early in August by Mr. Frank H. Briggs, '81, President of the Advisory Council on Athletics, to two thousand Technology Alumni, asking for subscriptions to make up the deficit in the funds of the Football and the Athletic Association, the following subscriptions have been received up to the middle of September:

Chas. M. Baker, '78,	\$25 00
Frank E. Peabody, '77,	25 00
Robt. H. Richards, '68,	10 00
Frank H. Briggs, '81,	10 00
Edw. W. Rollins, '71,	10 00
Franklin W. Doliber, '97,	10 00
Chas. F. Hammond, '91,	10 00
Fred'k S. Coffin, '79,	10 00
Chas. F. Tillinghast, '95,	10 00
Geo. O. Draper, '87,	10 00
Geo. A. Draper, '76,	10 00
Geo. A. Mower, '81,	10 00
Chas. W. Goodale, '75,	10 00
Eben S. Draper, '79,	10 00
John R. Freeman, '76,	5 00
Howard A. Carson, '60,	5 00
Jas. P. Munroe, '82,	5 00
Geo. L. Gilmore, '82,	5 00
Albert F. Bemis, '93,	5 00
Arthur H. Alley, '91,	5 00
Everett Morss, '85,	5 00
Henry A. Morss, '93,	5 00
Nathan Durfee, '89,	5 00
James W. Thomas, '95,	5 00
John L. Batchelder, Jr., '90,	5 00
Earle H. Gowing, '77,	5 00
Chas. N. Borden, '89,	5 00

\$235 00

Editorial comment is postponed till next week.

Technique, 1901.

THOSE who have had assignments of drawings for Technique '01 will please leave their names at "cage" for the "Art Editors, Technique." The Board wishes to watch the progress of the work.

There are a few drawings not yet assigned, and those wishing to do any drawing for next year's Technique will please hand in their names at once.

S. W. ST. CLAIR.

Pres. Crafts' Address to the Freshmen.

On the opening day of exercises at the Institute, President Crafts, following the custom of past years, addressed the entering class in Huntington Hall. A large attendance of the class was present and the address of the President was given close attention.

Through the kindness of President Crafts we are able to publish his speech in full.

Gentlemen, it is the custom at this busy moment to say only a few words of welcome, and I will express my hopes that you will be a very distinguished class, since at this early date you have already the distinction of being the last class to enter the Institute during this century.

You are doubtless feeling that a new epoch in your lives has begun, as you leave family and school life behind you and join an association of 1,200 young men who are united by the common purpose of obtaining a scientific education, and who have mostly some distinct use for it in view. I think, however, you may find that the more important change of existence comes later, when you graduate and go out into the world to offer your services in building up the enterprises, public and private, of the country.

We and you are looking now to developing not only the talents you can show us at the moment, but also to drawing out whatever qualities can be made to spring up by cultivation, and it is a time of hopeful endeavor and of watchful appreciation. Later you will be subjected to the hard test of market value, when you seek remuneration for your services, and you will often find a difference between the price which you set upon your talents and that fixed by others; and it is the latter price which you will have to accept.

An illustration of the sharp difference between school and professional life was brought me by a young man who said:

"In school, in college and at the law school I thought older men were there to look after me and to do everything they could for me; but now in a law office I find that older men expect me to look after them, and they use me for all I am worth."

We sometimes get the reputation of looking after our students less than is done in many colleges, because we do not summon them to prayers in the

morning and follow them to their dormitories at night; but you will find that we have ways of keeping you from much mischief, and that the relations between student and teacher are close and grow closer toward the end. As you go on in the school you will leave your book learning even more behind you, and find yourselves at the designing table or in the laboratories trying to penetrate those secrets of art or nature, which are only revealed to experiment. Your teachers are men who have gone further than you along the same road, and you will be glad to take place beside them and learn some of their skill by practice. Such occupations are absorbing, they bring close and agreeable companionship and they will lead you to that enthusiasm for research which science or art awakens whenever the drudgery of the beginning is left behind you, and you begin to do something new.

It is worth saying also in this connection that the application of science is a business of quick returns and of evident and concrete results. The physician, the lawyer or the literary man may wait long before their reputation is established; and so also may you, but if you build a bridge or a church, or set a machine in motion better than your competitors, you will immediately gain recognition. Your works go with you instead of following you.

Some less visible results are still quickly appreciated, and a western town is now holding a corn carnival, the women wearing corn hats, shoes and parasols, and the men corn canes in jubilation over a corn crop of 300,000,000 bushels, and in recognition of the fact that chemists have aided in the consumption of corn in a way more ingenious than pigs; so that the portion which would formerly have been burnt is now converted into glucose, rubber substitute alcohol for dissolving smokeless powder, and into many other useful products.

Another potent stimulus which makes work attractive in a professional school is the appreciation of its usefulness. You have the end in view and you know that the knowledge which you acquire here will be a good part of your stock in trade during the rest of your lives. This leads me to speak of the choice of studies and of the important decision you will have to take at the end of this term. You have seen that the catalogue offers you 751 branches of study, and you may be wondering how many of them you can swallow without serious indigestion. This is exactly

the question which has always been one of the gravest preoccupations of the government of this school since its foundation. You can make your own selection if you wish, and stay here under the condition of doing a reasonable amount of work, and you will be pursuing lines of study similar to those which lead to a degree in many colleges. We advise you, however, after having taken the studies in common during the first term to think very seriously to what professional branch your tastes and aptitudes lead, and to take advice with your teachers.

The charter of this school was given in order that it should "aid in the practical application of science," and twelve special courses together with a course of general studies have been laid out with that end in view, and our diploma means that you are equipped with the knowledge necessary to practise as engineers, architects or chemists, while our single degree — S. B. — betokens that the special acquirements demanded in each profession are laid upon a broad foundation of scientific knowledge.

The adjustment and simplification of these courses of studies are not easy. General principles and special demands must be considered and the studies must be kept abreast with the rapid progress of industry.

We often have friendly visits from old alumni and we take the opportunity of asking them if the tools which we have put in their hands have done good service. Changes are sometimes suggested, but more frequently we get encouragement to believe that our studies are well chosen, and often an old graduate writes that he is at the head of some branch of an industrial establishment and wishes us to send him assistants who have received the same education which he had.

I will call your attention to the fortunate condition of professional schools in this country which have been favored by freedom in their rapid development.

The time has gone by when a shoemaker or a blacksmith must say his catechism and produce a certificate that he had attended communion, protestant or catholic, before he could employ workmen, but even now in many countries and notably in England, the system of professional apprenticeship has been a serious bar to the development of professional schools. A young man does not willingly seek the education which can be best given in such institutions, because he knows that he will have difficulty in

entering upon practice unless he has paid a large premium to an engineer's or architect's office and served many years there without regular instruction.

As to the social life of the Institute you will find friendly hands held out to you and many organizations into which you wish to enter and I think you will find that a large city offers more opportunities for good society than temptations to bad.

You will find the hours spent in the laboratories and the drawing rooms leave you less leisure for gymnastics, than if you were doing literary work and your presence was only required at recitations and lectures, but I have been through the same experience, and know that much good exercise can be had, and the more you take the better you will work. It is needless to say, however, that the work must come first.

I hope that one of the Gymnasium Committee will have an opportunity to talk with you on this subject. A movement is now on foot among the Alumni to found a gymnasium building as a Memorial to General Walker, and we shall then have a much more attractive place than we have now, but even at present you will find sufficient opportunities for taking all kinds of exercise.

I will again bid you welcome to the Institute and say that I shall be pleased to consult with any one of you concerning your interests private or scholastic.

Walker Memorial Gymnasium.

THE work of the Memorial Committee has made reasonable progress during the summer although it is necessarily difficult to make rapid advance with an undertaking of this magnitude among men so busy as are Institute graduates and especially their class secretaries. The first efforts of the committee have been directed toward securing twenty subscriptions of one thousand dollars each and forty of five hundred dollars each, the subscription being contingent in every case upon the total number to be reached. About one half of the Alumni have been either seen personally or written to, and over fifteen thousand dollars has been raised up to date.

An auxiliary committee composed of representatives of the Senior and Junior classes,

THE TECH Board, and the Walker Club has recently been appointed to begin the work of collecting subscriptions among the undergraduates.

The Engineering Laboratory.

A NEW three-stage air compressor has been ordered from the Norwalk iron works, to be delivered about December first. It will be installed beside the tandem engine, will require from 60 to 70 horse-power to run it, and has a capacity of 100 cubic feet of free air per minute, delivering it at a pressure of 2500 pounds per square inch. This is a sufficient capacity to make liquid air, when wanted. The Institute also expects to receive another air compressor, a gift from the Christensen Engine Company, in the near future. This compressor is electrically driven, requires about 50 horse-power, and has a capacity of 200 cubic feet of free air per minute, through its six cylinders, and delivers it against a pressure of 120 pounds per square inch.

The engineering boiler-room has been fixed up during the summer; the pumps have all been placed on a shelf, so that all piping is exposed to view. The ceiling and walls have been painted, and the place is to be fixed up as a "show station."

Harvard Football.

Schedule of Harvard Varsity Football team is as follows:—

Oct. 7.	Wesleyan at	.	.	.	.	Cambridge
11.	Amherst at	.	.	.	.	"
14.	West Point at	.	.	.	.	West Point
18.	Bates at	.	.	.	.	Cambridge
21.	Brown at	.	.	.	.	"
28.	Carlisle Indians at	.	.	.	.	"
Nov. 4.	University of Pennsylvania at	.	.	.	.	Philadelphia
11.	Dartmouth at	.	.	.	.	Cambridge
18.	Yale at	.	.	.	.	"

"My mind to me a kingdom is!"

The poet sang in great elation;

The politician's mind is oft

One great big mental reservation.

—Ex.

Y. M. C. A. Reception.

A VERY pleasant social gathering occurred at the Library in Rogers last Saturday evening, when the Tech. Y. M. C. A. gave its annual reception to the Freshman Class. More than fifty Freshmen were present besides a number of visitors and upper classmen. Professor Sedgwick welcomed the class on behalf of the Faculty, and besides, gave them some excellent advice as to their future work and experiences at the Institute. Mr. Gilbert, manager of the Boston Young Men's Christian Association, gave an account of the work being done by the Association both in this and in other countries, and extended a cordial welcome to the Freshmen on behalf of the Association.

After the speeches refreshments were served in an adjoining room, and the Freshmen went home better acquainted with each other and with the Institute. During the evening the Damon Quartette of Brookline rendered some excellent music.

1902.

"THE Secretary of the Class of 1902 is prepared to receive nominations for the following officers: 1st Vice President, 2nd Vice President, Secretary, Treasurer, two Directors and two Members of the Institute Committee.

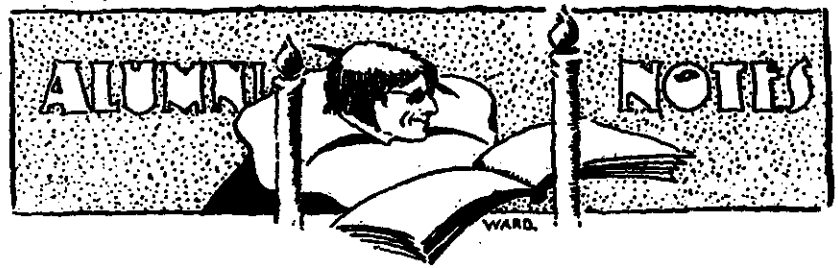
These nominations must be made in writing and signed by ten members (and ten only) of the class. They should be addressed to the Secretary of 1902 and must be in the Cage not later than Saturday, October 7th, 1899, at 1 P.M. No nominations can be received after this time."

(Signed)

CHAS. W. KELLOGG, Jr.
Secretary, 1902.

Miss Beach — Is your yacht swift, Mr. Pebble?

Mr. Pebble (*who would do anything for her*) — No; but I can make it fast. — Ex.



'69. Mr. Wm. H. Baker, I., has gone into the insurance business at his home at Fitchburg, Mass.

'72. Mr. Chas. S. Minot, V., was the recipient of the degree of L.L.D., from Yale University last June.

'73. Mr. Wm. E. Brotherton, V., has left Burkhardt & Co., and is now associated with the firm of Rogers, Brown & Co., of Cincinnati, O.

'74. Mr. William Foster has just made a professional visit to Boston, preparatory to a tour in Arizona.

'75. Mr. A. J. Boyden, IV., is superintending the construction of the new United States mint at Philadelphia.

'75. Mr. Wm. H. Shockley, III., has accepted an offer from the Pekin Syndicate, of China.

'75. Mr. H. L. J. Warren, III., is doing some mining journalism at Salt Lake City.

'79. Arthur M. Waitt, II., is now assistant to the president of the N. Y. C. & H. R. R. R.

'81. Mr. Webster Norris, III., has been recently appointed superintendent of the Mechanical Department of the Canadian Rubber Co., of Montreal.

'90. Mr. Frank M. Greenlaw who last year was teaching in Worcester, has been appointed teacher of physics at the Lynn High School.

'90. Mr. H. C. Slater was married Sept. 6th to Miss Mary L. Hunt and will reside in Milwaukee, Wis., where he is engaged in the engineering business.

'92. Ralph H. Sweetser, III., formerly superintendent of Everett Furnace, Everett,

Pa., is now assistant to the president of the Salem Iron Company at Leetonia, Ohio.

'92. Mr. W. S. Hutchinson, III., is at present engaged in putting in a trial plant for concentrating fine iron ore, in Virginia.

'93. John W. Logan, II., has gone into the steel casting business as the head of the Logan Manufacturing Company, and is putting up a plant at Phoenixville, Pa., where steel will be made by a new process. Steel, iron, and malleable castings will be made.

'93. Mr. W. A. Tucker, III., is at present in the east, recovering his health. He expects to return to the Calumet & Hecla works about January first.

'94. Mr. H. R. Batchellor has just finished a special research for the Mexican Mining Co.

'96. Mr. Chas. S. Newhall, III., ran up to Boston last week from the City of Mexico to renew old acquaintances.

'97. Mr. E. C. Jacobs, III., has just received and accepted a call from the University of Vermont to fill a place as instructor of chemistry, mineralogy, and assaying.

Dick — Do you enjoy Kipling?

Mabel — Oh, I adore him. I have heard so much about his Jingle Book and his Bar Room Ballads.
— Wrinkle.

Golf — How is the minister playing?

Professional — Ah, vara bad! O' coorse he canna play. He canna sweer!
— Lampoon.

Minister (*Writing a certificate at a christening, and trying to recall the date*) — "Let me see, this is the thirteenth?"

Indignant Mother: — "The thirteenth! Indade an' it's only the elivinth, sor!"

THE WAY OF THE WORLD.

When I stole one kiss she cried: "Why stop!"

So then I took a dozen or more,

And when I'd had full many a score

I paused, and she whispered low: "Why Stop?"

— Tiger.



A meeting of the Executive Committee of the Athletic Association was held Monday. Among other business the date of the Fall Meet was fixed for October 21, probably at Holmes' field.

Every member of last year's winning relay team has returned, which means that any team that defeats Tech. on the Mechanics Hall track will travel very close to the record.

Gannett, '01, has been doing some training this summer, and has justified THE TECH's estimate of his ability last spring by reeling off the half-mile in less than two minutes.

Through the kindness of Dr. H. W. Tyler, notices from the Athletic Association, with a set of questions in regard to individual athletic attainments, was sent to each member of the entering Class. Those receiving them will greatly favor the Association if they will reply at once to Captain Baxter.

D. E. Pray, ex-'99, has returned from four months' study in Europe, and is in business on Atlantic Avenue. While abroad, he entered a two-and-one-half-mile race in some Danish games and won the event, establishing at the same time a new Danish record.

The Track Team suffers a severe loss in the failure of Horr, '02, to return to school this season. His work last year was of the very best, and high hopes had been built on his performances this year. At the N. E. I. A. A. Championship in June, he won second place in the low hurdles to Hallowell, of Harvard, and third place in the high hurdles to Fox and Hallowell, of Harvard.

Football.

The candidates for the Varsity football team were called out on Sept. 18th, but as it was very early few men responded. On the 25th, however, work began in earnest and by the end of the week there were more than twenty men out. Four or five of last year's victorious Freshmen eleven were out, but most of the material is new and the outlook, though good, is not as bright as a year ago. At present the work is quite ragged. The squad should make rapid progress. For the time being the candidates for the Freshman team are practicing with the Varsity.

The good showing made by the team last fall has encouraged the management to give the men this year the best that can be had in the matter of coaches. Ex-Captain Wrightington, of Harvard, needs no introduction to the majority of Tech. men. In 1896 he led the Harvard eleven, and won for himself the distinction of being one of the best half-backs Harvard ever had, and was selected to fill this position on Walter Camp's All-America eleven. He is thoroughly in touch with the most modern play, and the benefit of his advice will be worth considerable to any one who plays the game.

Official Call for Candidates for the Varsity Eleven.

All men wishing to try for the Varsity Football team will report at the gymnasium each day at four o'clock. Men having previous football experience are needed. Heavy men are especially desired. In order to have a team that will do "Tech" credit every one should come out at once.

(Signed.)

H. D. JOUETT, *Capt.*
W. R. COLLIER, *Mgr.*

1902 Football.

The Sophomore football team began regular practice last week. The work of

those who did come out was satisfactory but Captain Chalifoux asks for more material to select from. This request is more especially urged as some of the best men will probably be wanted by the Varsity eleven. Whether men have or have not had previous experience in football they should come out and see what they can do. The Freshman team, judging from the excellent material in the class, are sure to make a good showing in the class game and the Sophomore team must be a good one in order to keep up its reputation of last year. Capt. Chalifoux would be glad to see new men at the gymnasium at four o'clock on any afternoon.

Varsity Schedule, 1899.

Manager Collier announces the following schedule of games for the Varsity football team this fall:—


Oct. 7.	New Hampshire State College at	Durham, N. H.
11.	Boston College at	Boston
14.	Andover at	Andover
18.	Exeter at	Exeter
21.	Wesleyan at	Middletown, Ct.
25.	Tufts at	Tufts
28.	Worcester Tech. at	Worcester
Nov. 4.	Amherst at	Amherst
8.	Tufts at	Boston
11.	Brown University at	Providence, R. I.

The only home games are with Boston College, on October 11, and with Tufts on November 8.

She — Do you like Schopenhauer?

He — Never tried it. I stick to Anheuser.
— Ex.

"THE GIRLS ARE FOND OF THESE"

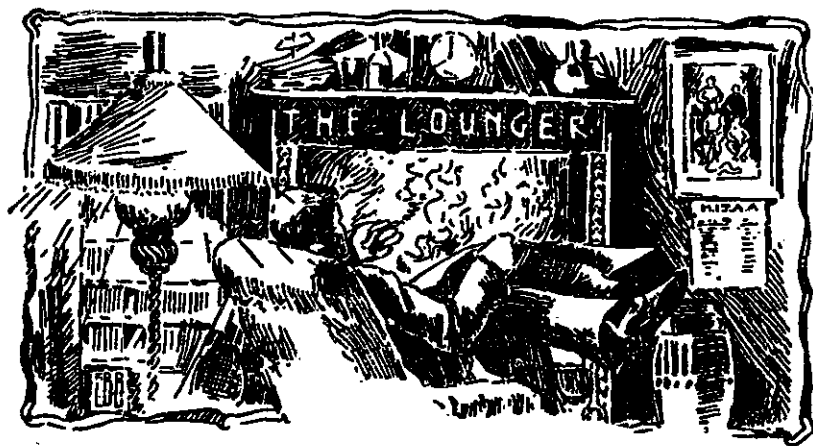


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All's well. Technology has, in truth, reopened. The Freshmen are here, and Sophomore Physics continues to grace the special tabula views of all classes; the beneficent Riddler has once more opened his doors, and the genial sovereign of the Tech. Lunch-room has announced her intention of perpetuating the weekly feature of biological hash; the Bursar has begun papering the walls of his cell with certified checks, and the prehistoric Bird has failed to return after her year's absence from the cage; all is propitious, then, for the issue of the first number of THE TECH.

By these presents be it known unto all Tech. men, then, that the Institute is well started, and that it will flourish this year as it never flourished before. For is it not known that the sprightly H. Cl. N. B. has been seen within the fragrant precincts of the Walker Building, and that the promulgator of a certain book on "Applied" has returned with new and even more deadly formula? Is it not assured that the Secretary is with us and for the past week has been within his innermost shell, disapproving attendance cards! And finally, who has not been moved by the sense of completeness pervading the Technological atmosphere at this manifestation of the presence of the last essential—the LOUNGER.

THE LOUNGER, like all true philanthropists, cares nothing for fame. That he may live in comparative quiet, unannoyed by please-explain-your-absence cards from the Secretary or bills from the Bursar, gaining in his Institute course no more than the three score and ten plunks allotted to him by Destiny and Descrip., and rich in the love of his Editor-in-Chief and the gratitude of the Freshmen, is all that he has ever desired for perfect contentment. Yet it is not wholly displeasing to him to realize that knowledge of his virtues has already spread beyond the confines

of Technology and pervaded even the atmosphere of the prep. schools. But whatever may be his feelings, such is the case. It was only the other day, in September, that a Freshman,—knowing well the reliability of the Lounger's deep-rooted interest in his Kith and Kin even though it had not then been announced,—trustingly knocked at the door of THE TECH Office to have his attendance card approved, before handing it into the Secretary. And when the Lounger,—after showing him that it was on the whole preferable to cross out the studies he intended to discard rather than follow his natural instinct and score those he wanted to take—saw the tear of grateful relief in the departing Freshman's moistened eye, lifted in thankfulness to his, he felt wholly repaid for the time he had borrowed from the discussion of Lanza's Applied and the Business Manager's pipe.

As a guarantee of his good feeling toward the members of 1903 and as an exhibition bit of good advice for them to begin their Tech career upon, the Lounger suggests to all Freshmen the best way to become acquainted with the Institute, its teachers and its students, to keep posted on developments that may lead to triumphs or ruin, to foresee evil and thus avert strife or prepare in time for conflict, in short, to become true and successful M. I. T. men. There is no way but the best and that, known already to grateful upperclassmen, is to subscribe immediately for THE TECH. Tremendous sacrifices in regard to the cost have already been made by the management, and the Lounger recalls with a warm thrill that he himself was instrumental in the dropping of a white ball into the ballot to insure the reduction in price of subscription. Two dollars it now stands, a monument of literary magnificence. To any who, through economical modesty or precocious skepticism, may fear that THE TECH will give only \$1.89 worth of news during the year, the Lounger would remark that, as a safeguard, the Business Manager has deposited a considerable sum in Government bonds with the Bursar, who will receive all complaints and in course of suitable time make return of eleven cents to all who desire. Lest there be any further hesitation, the Lounger ventures his reputation on the assurance that the Bursar is a reasonably reliable person and that domestic ties make a sudden trip to Canada extremely improbable.



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Week commencing October 9, 1899.

Hollis Street Theatre.— Mr. Richard Mansfield will appear in his last year's successful role of Cyrano De Bergerac. All Boston Theatregoers ought surely to take this opportunity of seeing him.

Tremont Theatre.—"Way Down East" will continue to appear two more weeks. This has had a great run during the summer and is full of good, wholesome fun. Any person who has not seen this should not fail to do so.

Park Theatre.—"More than Queen" by Emile Berceat will be produced by Miss Julia Arthur for the second week of her engagement. This is a romance of the time of Napoleon Bonaparte. Miss Arthur is well known in Boston and is always well received.

Castle Square Theatre.— The regular stock company will produce the world-wide known play, "Uncle Tom's Cabin." This is a play known to every person and needs only mention of its appearance.

Boston Theatre.— The famous Bostonian Opera Company will produce "The Serenade." The company includes Helen Bertram, Mercia Van Dresser, Grace Cameron, Henry Clay Barnabee, Charles Hawley and many others.

Boston Museum.— Charles Frohman's New York Company will present "The Cuckoo," a comedy farce from the French by Charles Brookfield. This has enjoyed great popularity in Paris and London, and is sure to receive the same here in Boston.

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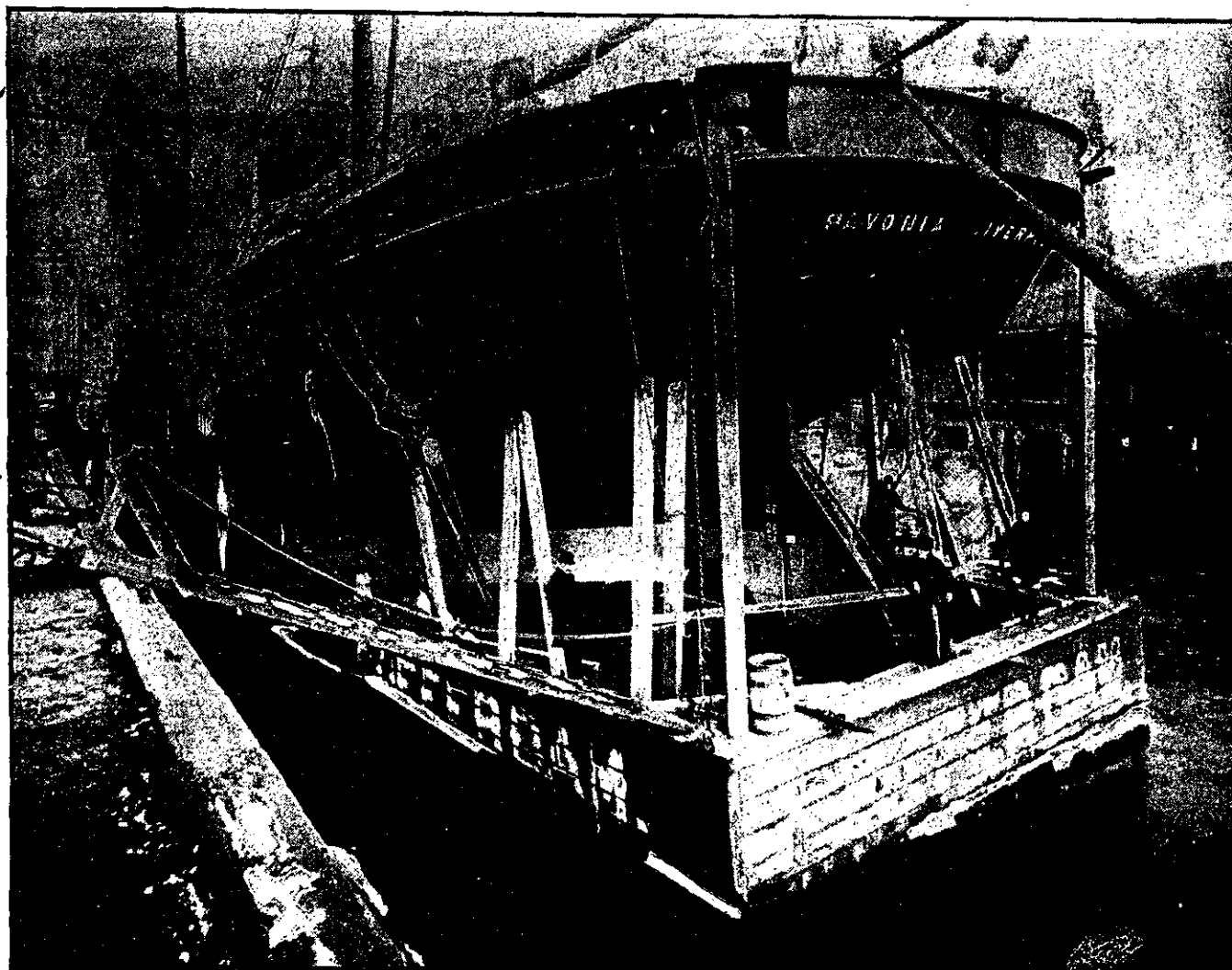
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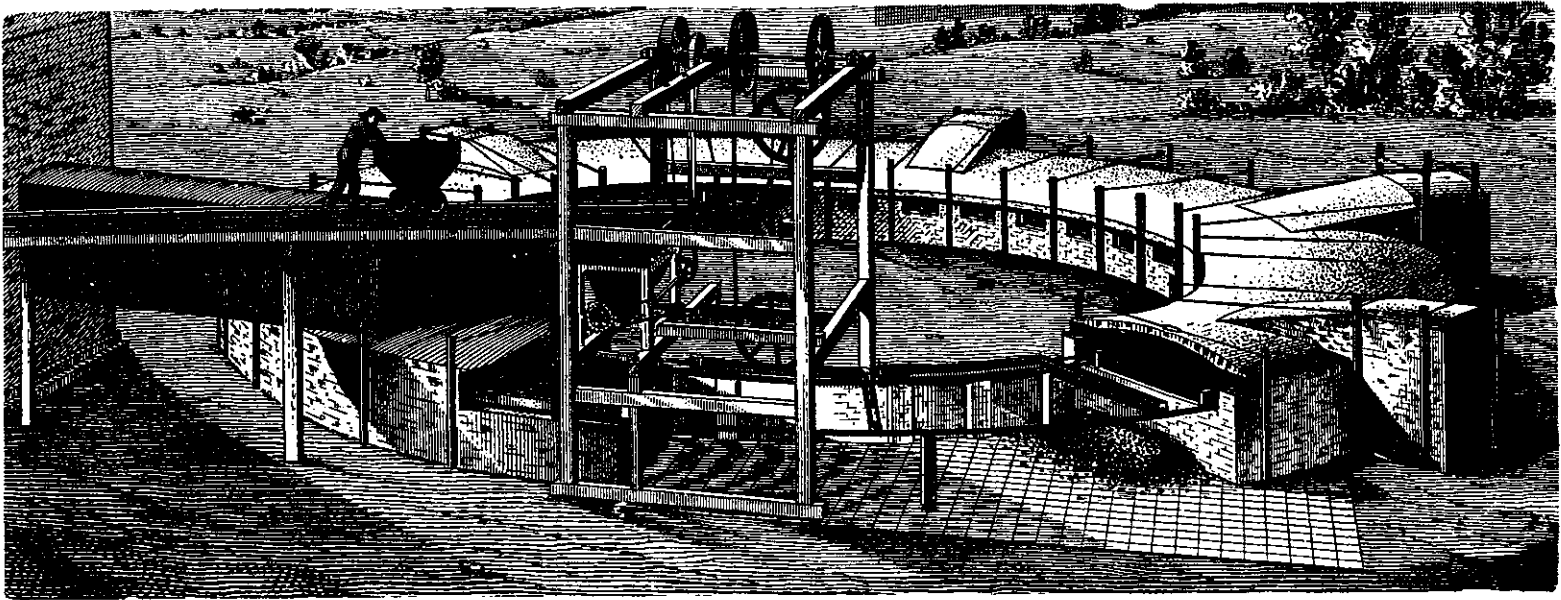
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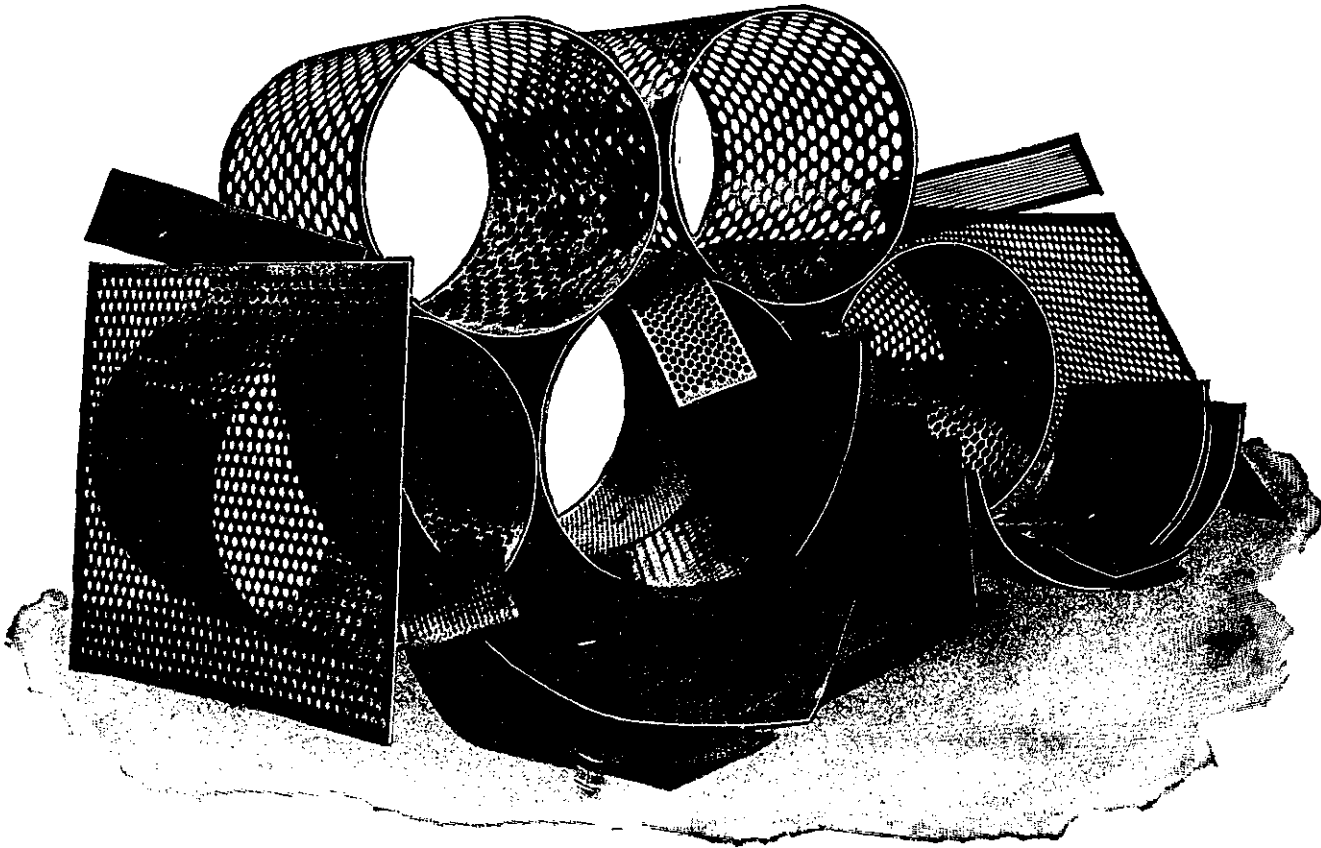
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